

10/513699

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants

<12/04/2007>

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NEWS 25 MAR 11 ESBIODBASE reloaded and enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS      STN Operating Hours Plus Help Desk Availability
NEWS LOGIN      Welcome Banner and News Items
NEWS IPC8        For general information regarding STN implementation of IPC 8
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FILE 'HOME' ENTERED AT 18:58:29 ON 16 MAR 2009

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 18:58:42 ON 16 MAR 2009
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STRUCTURE FILE UPDATES: 15 MAR 2009 HIGHEST RN 1121544-94-2
DICTIONARY FILE UPDATES: 15 MAR 2009 HIGHEST RN 1121544-94-2
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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

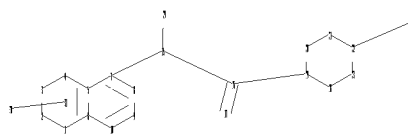
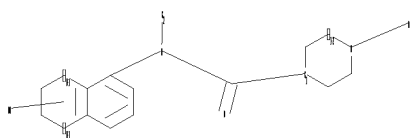
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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=>
Uploading C:\Program Files\Stnexp\Queries\10574122allow.str
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10/513699



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ring nodes :
1 2 3 4 5 6 7 8 9 10 18 19 20 21 22 23
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7-15 15-16 15-29 16-17 16-19 22-25
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 18-19 18-23 19-20 20-21
21-22 22-23
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 7-15 15-16 15-29 16-17 16-19 18-19 18-23 19-20
20-21 21-22 22-23 22-25
normalized bonds :
5-6 5-7 6-10 7-8 8-9 9-10
isolated ring systems :
containing 1 : 18 :

G1:C,N

G2:C,H

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
25:CLASS 29:CLASS 30:CLASS 31:Atom

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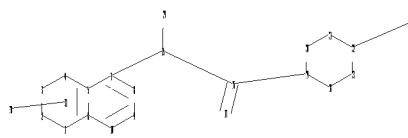
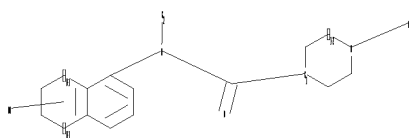
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Uploading C:\Program Files\Stnexp\Queries\10574122allow.str

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chain nodes :
15 16 17 25 29 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 18 19 20 21 22 23
chain bonds :
7-15 15-16 15-29 16-17 16-19 22-25
ring bonds :
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exact/norm bonds :
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normalized bonds :
5-6 5-7 6-10 7-8 8-9 9-10
isolated ring systems :
containing 1 : 18 :

G1:C,N

G2:C,H

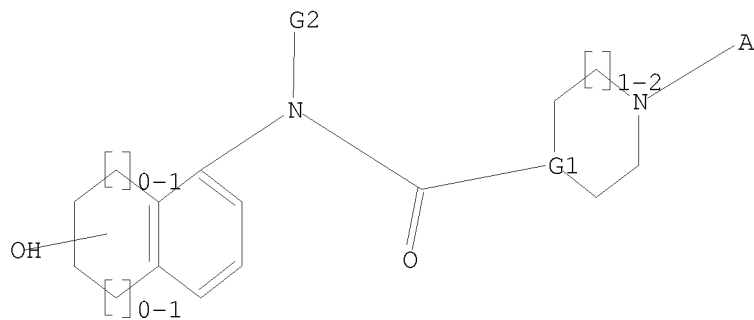
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1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
25:CLASS 29:CLASS 30:CLASS 31:Atom

=> d 11
L1 HAS NO ANSWERS
L1 STR

<12/04/2007>

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G1 C,N

G2 C,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 18:59:16 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 127704 TO ITERATE

100.0% PROCESSED 127704 ITERATIONS

17 ANSWERS

SEARCH TIME: 00.00.05

L2 17 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.88

186.10

FILE 'CAPLUS' ENTERED AT 18:59:24 ON 16 MAR 2009

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FILE COVERS 1907 - 16 Mar 2009 VOL 150 ISS 12

FILE LAST UPDATED: 15 Mar 2009 (20090315/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

<12/04/2007>

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2 full

L3 1 L2

=> d ibib abs hitstr tot

10/513699

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:395272 CAPLUS

DOCUMENT NUMBER: 142:447019

TITLE: Preparation of tetrahydronaphthalene and urea derivatives as VR1 antagonists for the prophylaxis and treatment of diseases associated with VR1 activity, such as urological diseases, pain and inflammatory diseases

INVENTOR(S): Bouchon, Axel; Diedrichs, Nicole; Hermann, Achim; Lustig, Klemens; Meier, Heinrich; Pernerstorfer, Josef; Reissmueller, Elke; De Vry, Jean; Mogi, Muneto; Urbahns, Klaus; Yura, Takeshi; Fujishima, Hiroshi; Tajimi, Masaomi; Yamamoto, Noriyuki; Yuasa, Hiroaki; Gupta, Jang; Tsukimi, Yasuhiro; Hayashi, Fumihiko

PATENT ASSIGNEE(S): Bayer Healthcare Ag, Germany

SOURCE: PCT Int. Appl., 76 pp.

CODEN: PIXXD2

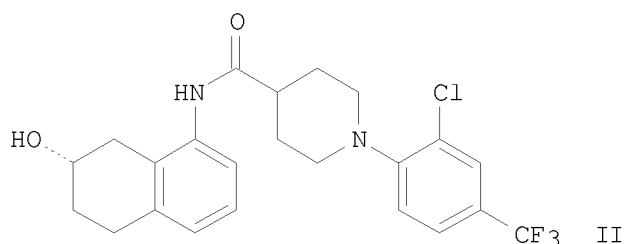
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005040119	A1	20050506	WO 2004-EP10606	20040922
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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CA 2540647	A1	20050506	CA 2004-2540647	20040922
EP 1670761	A1	20060621	EP 2004-765478	20040922
EP 1670761	B1	20090128		
R: DE, ES, FR, GB, IT				
JP 2007508255	T	20070405	JP 2006-530003	20040922
US 20070167458	A1	20070719	US 2006-574122	20061122
PRIORITY APPLN. INFO.:			EP 2003-22235	A 20031001
			EP 2003-25570	A 20031108
			WO 2004-EP10606	W 20040922
OTHER SOURCE(S):			CASREACT 142:447019; MARPAT 142:447019	
GI				



AB This invention relates to title compds. of formula A-NH-CO-E (I) [wherein A = 7-hydroxy-5,6,7,8-tetrahydronaphthalen-1-yl, 5,6-(un)substituted naphthalen-1-yl, indan-1-yl, etc.; E = (un)substituted piperidin-4-yl, piperazin-4-yl] and tautomeric or stereoisomers and salts thereof, which are useful as active ingredients of pharmaceutical preps. I have been synthesized as VR1 antagonists, and can be used for the prophylaxis and treatment of diseases associated with VR1 activity, in particular for the treatment of urol. disorders or diseases, pain and inflammatory disorders or diseases. Thus, acylation of ((7S)-7-Hydroxy-5,6,7,8-tetrahydronaphthalen-1-yl)amine with 1-(2-Chloro-4-trifluoromethylphenyl)piperidine-4-carboxylic acid gave II in 28% yield. The effects of the compds. were examined in the following several assays and pharmacol. tests: measurement of capsaicin-induced Ca^{2+} influx in a human VR1-transfected CHO cell line and in primary cultured rat dorsal root ganglia neurons, resp., measurement of capsaicin-induced bladder contraction, measurement of overactive bladder in anesthetized cystitis rats, measurement of acute pain, persistent pain, neuropathic pain, inflammatory pain and diabetic neuropathic pain (only the first assay had data). II showed an $\text{IC}_{50} \leq 0.1 \mu\text{M}$ in the first assay. Specifically disclosed applications of I include the treatment of detrusor overactivity (overactive bladder), urinary incontinence, neurogenic detrusor overactivity (detrusor hyperflexia), idiopathic detrusor overactivity (detrusor instability), benign prostatic hyperplasia, and lower urinary tract symptoms; chronic pain, neuropathic pain, postoperative pain, rheumatoid arthritic pain, neuralgia, neuropathies, algnesia, nerve injury, ischemia, neurodegeneration, stroke, and inflammatory disorders such as asthma and chronic obstructive pulmonary (or airways) disease (COPD).

IT 1044165-60-7 1044165-66-3 1044165-74-3
 1044165-75-4 1044165-84-5 1044165-91-4
 1044165-93-6 1044165-94-7 1044166-12-2
 1044166-15-5 1044166-18-8 1044166-31-5
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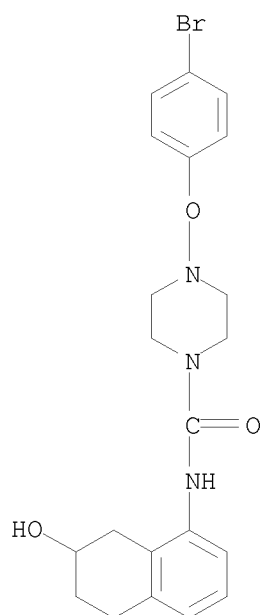
RL: PRPH (Prophetic)

(Preparation of tetrahydronaphthalene and urea derivatives as VR1 antagonists for the prophylaxis and treatment of diseases associated with VR1 activity, such as urological diseases, pain and inflammatory diseases)

RN 1044165-60-7 CAPLUS

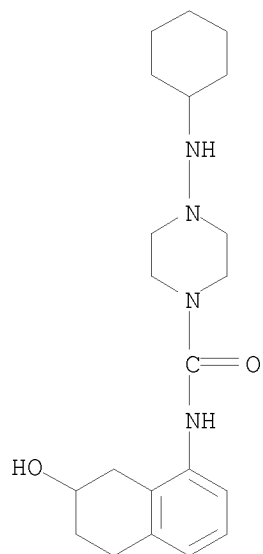
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10/513699



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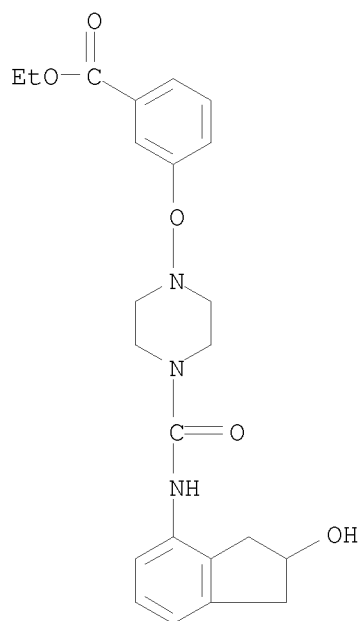
CN 1-Piperazinecarboxamide, 4-(cyclohexylamino)-N-(5,6,7,8-tetrahydro-7-hydroxy-1-naphthalenyl)- (CA INDEX NAME)



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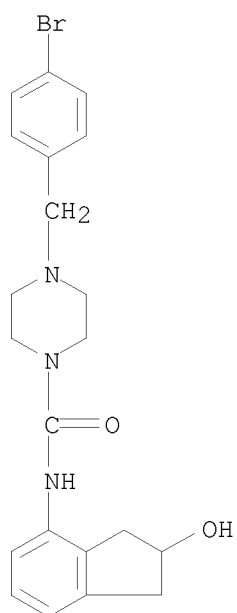
CN Benzoic acid, 3-[[4-[[[(2,3-dihydro-2-hydroxy-1H-inden-4-yl)amino]carbonyl]-1-piperazinyl]oxy]-, ethyl ester (CA INDEX NAME)

10/513699



RN 1044165-75-4 CAPLUS

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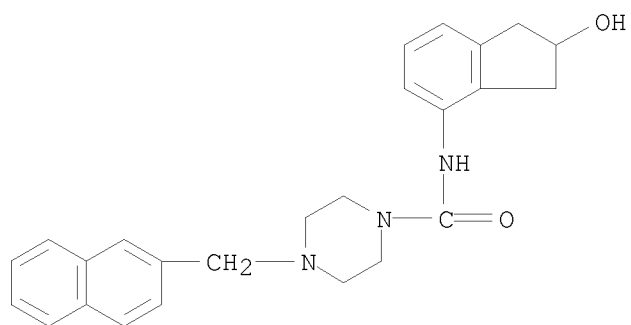
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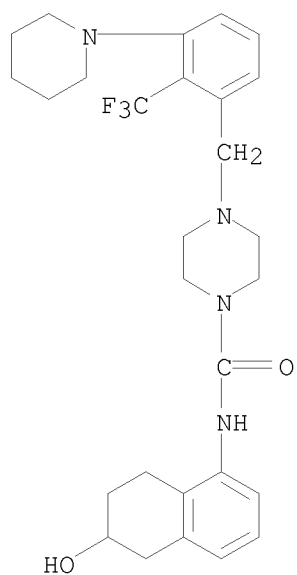
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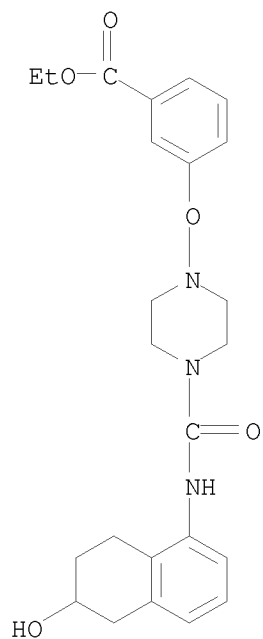


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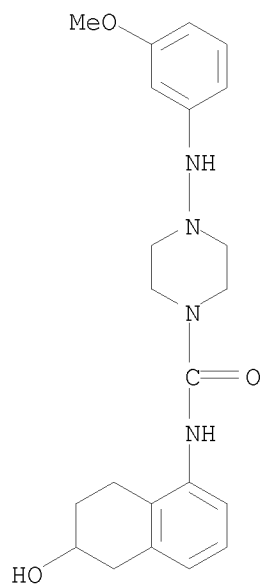
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CN INDEX NAME NOT YET ASSIGNED

10/513699



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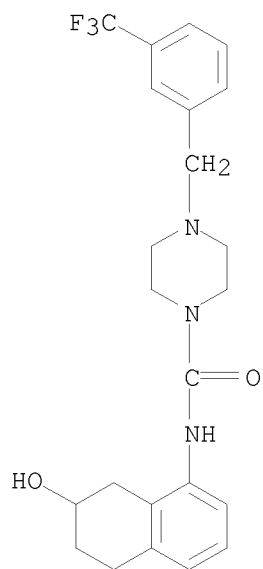
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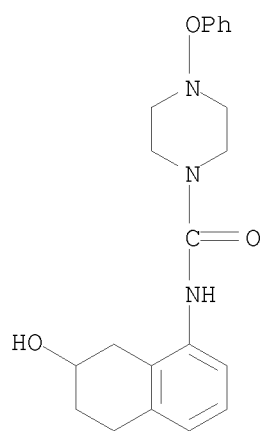
CN 1-Piperazinecarboxamide, N-(5,6,7,8-tetrahydro-7-hydroxy-1-naphthalenyl)-4-[[3-(trifluoromethyl)phenyl]methyl]- (CA INDEX NAME)

10/513699



RN 1044166-15-5 CAPLUS

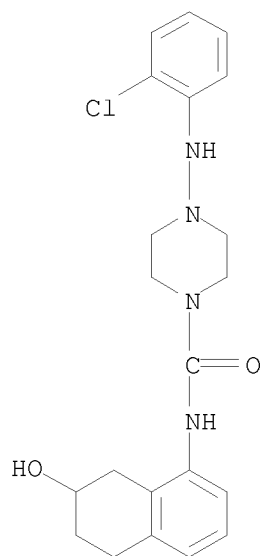
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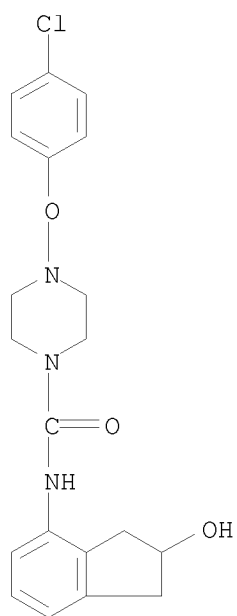
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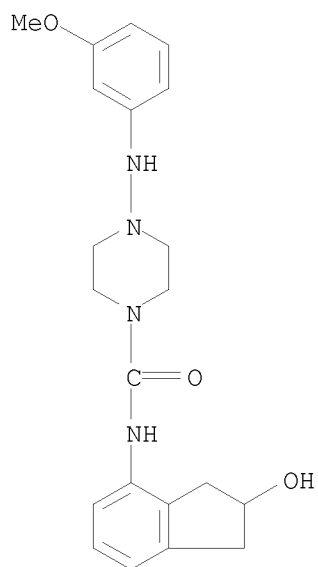


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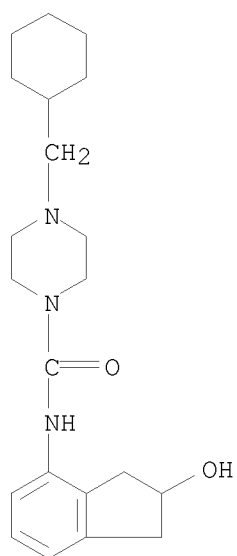
RN 1044166-32-6 CAPLUS
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10/513699



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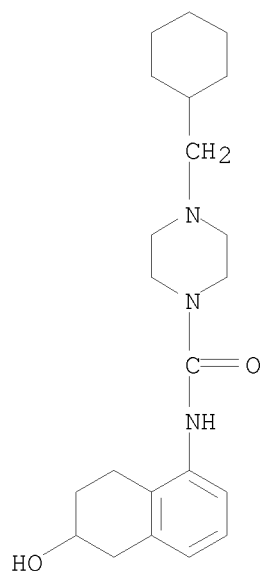
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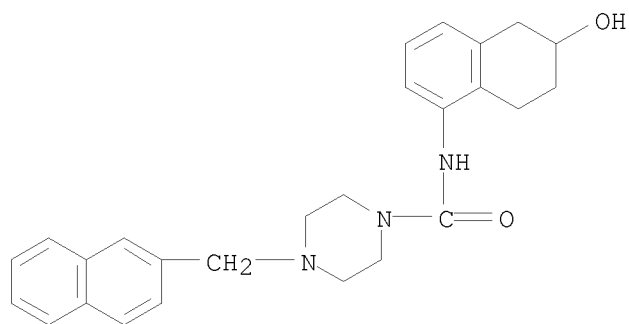
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RN 1044166-43-9 CAPLUS

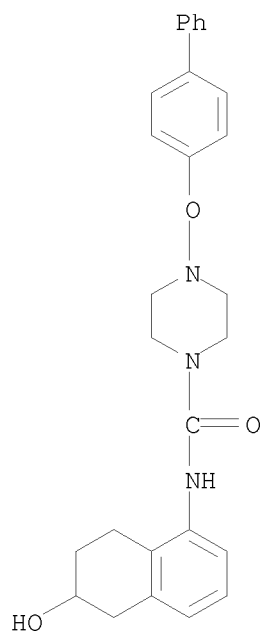
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REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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=> d his

(FILE 'HOME' ENTERED AT 18:58:29 ON 16 MAR 2009)

FILE 'REGISTRY' ENTERED AT 18:58:42 ON 16 MAR 2009

L1 STRUCTURE UPLOADED

L2 17 S L1 FULL

FILE 'CAPLUS' ENTERED AT 18:59:24 ON 16 MAR 2009

L3 1 S L2 FULL

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.14

192.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.82

-0.82

STN INTERNATIONAL LOGOFF AT 18:59:46 ON 16 MAR 2009